

determining from said received power control command a parameter representative of the quality with which the power control command is received at the first station; and

controlling the power at which the first station transmits signals based on the determination step.

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4. (AMENDED) A method as claimed in claim 1, wherein said first station is arranged to transmit signals to a plurality of second stations, each of said second stations transmitting a power control commands to said first station.
5. (AMENDED) A method as claimed in claim 3, wherein the method further comprises the step of selecting one of said determined transmitted values in accordance with a predetermined criteria.
6. (AMENDED) A method as claimed in claim 1, wherein said transmitted power control command comprises one of a first value indicating that the power should be increased and a second value indicating that the power should be decreased.
7. (AMENDED) A method as claimed in claim 5, wherein said predetermined criteria is to select the second value if at least one of said determined transmitted values is the second value.
8. (AMENDED) A method as claimed in claim 5, wherein said predetermined criteria is to select the first value if all of the determined transmitted values are the first value.
9. (AMENDED) A method as claimed in claim 6, wherein said threshold value is between said possible received values representative of the transmitted first and second values.

value and the selected value and controlling the power which the first station transmits in accordance therewith.

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22. (AMENDED) A method as claimed in claim 1, wherein said second station is a base station.

23. (AMENDED) A method as claimed in claim 1, wherein said first station is a mobile station.

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28. (AMENDED) A method as claimed in claim 26, wherein the first station is arranged to transmit signals to a plurality of second stations, each of which second stations is arranged to transmit power control commands to said first station, said method further comprising the steps of determining the values of each of said received power control values and selecting one of said determined values in accordance with a predetermined criteria as the current received value.

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30. (AMENDED) A method as claimed in claim 27, wherein if the summed value crosses the threshold and the determined value of the received power is determined to represent a power increase, the power with which the first station transmits to second station is decreased.

31. (AMENDED) A method as claimed in claim 27, wherein if the summed value crosses the threshold and the determined value of the received power is determined to be represent a power increase, the power with which the first station transmits to second station is decreased and the summed value becomes a reset value.

32. (AMENDED) A method for controlling the power which a first station transmits signals to a second station comprising the steps of:

transmitting from the second station to the first station a power control command;

receiving said power control command at the first station;